

Claims

1. A portioning device for portioning pasty bulk material, in particular sausage meat, doughs or the like, including
 - a forming space (40) delimited by a wall section for forming the mass,
 - into which the mass can be filled, and
 - which has an output opening (41a) through which the portioned mass can be output,characterized by
 - a cutting device (50) for portioning the mass filled into the forming space (40), having a cutter (60) that is at least partially introducible into the forming space (40).
2. The portioning device as recited in Claim 1,
 - wherein the cutting body (60) is introducible into the forming space (40) in a direction that lies approximately perpendicular to the direction in which the mass is filled into the forming space (40).
3. The portioning device as recited in Claim 1 or 2,
 - wherein the forming space (40) has a filling opening (41) through which the mass can be filled into the forming space (40).
4. The portioning device as recited in one of the preceding claims,
 - wherein the forming space (40) has a geometry matched to the form of the end product, in particular a geometry whose cross section is essentially rotationally symmetrical or oval, or in particular a cross sections that corresponds to the cross section of spare-ribs.
5. The portioning device as recited in Claim 4,
 - wherein the forming space (40) is formed inside a tube through which the mass is axially transportable.
6. The portioning device as recited in one of the preceding claims,

wherein the wall delimiting the forming space (40) has a slit into which the cutter (60) can be introduced.

7. The portioning device as recited in Claim 6,
wherein the slit (48) extends far enough so that the cutter (60) can cut completely through the cross section of the forming space (40).

8. The portioning device as recited in one of the preceding claims,
wherein the cutter (60) is introducible into the forming space (40) at a place such that a portion of mass that is formed when the cutter (50) is introduced is supported by at least part of the wall (46).

9. The portioning device as recited in Claim 8,
wherein the slit (48) is spaced at a distance from the output opening (41a) such that a section of forming space (44) is formed that corresponds at least approximately to the size of a portion of mass.

10. The portioning device as recited in Claim 8 or 9,
wherein the wall delimiting the forming space (40) is essentially cylindrical and the slit (48) almost completely penetrates the wall.

11. The portioning device as recited in one of the preceding claims,
wherein the cutter (60) is in the form of a two-bladed, rotatable cutting knife (60).

12. The portioning device as recited in one of the preceding claims,
characterized by means of attachment by which the cutting device is fastenable as an attachment to a device (2) for transporting and/or mincing bulk material, in particular to a filling machine or filling grinder.

13. A device for transporting and/or mincing bulk material, in particular sausage meat, doughs or the like,

characterized by a portioning device (4) including a forming space (40) delimited by a wall section for forming the mass,
into which the mass can be filled, and
which has an output opening (41a) through which the portioned mass can be output,
and
a cutting device (50) for portioning the mass filled into the forming space (40), which has a cutter (60) that can be introduced at least partially into the forming space (40).

14. The device as recited in one of the preceding claims,
characterized by a smoothing belt that can receive the portioned mass, and which works in combination with at least one shaping surface to aftershape the portioned mass.

15. The device as recited in one of the preceding claims,
characterized by means of transport for transporting the mass, where the means of transport are discontinuously operable and the timing of the discontinuous operation works together with the introductory motion of the cutter (60) into the forming space.